

# **PUBLIC NOTICE**

## **PERMIT APPLICATION: NRS # 06.126**

**APPLICANT:** Newman Properties, LLC  
850 Ridgelake Blvd., Suite 340  
Memphis, Tenn. 38120  
901-818-9887

**LOCATION:** Tributary to Grays Creek, proposed Walgreens, northeast corner of Houston Levee Road and Macon Road, Cordova, Shelby County. 35.1608 N, -89.7268

**WATERSHED DESCRIPTION:** The tributary to Grays Creek is located in the Wolf River watershed (HUC TN08010210) and is not currently assessed for its designated water quality uses (recreation, fish and aquatic life, livestock watering and wildlife, and irrigation). The receiving stream, Grays Creek, is not supporting its fish and aquatic life designated use and listed as impaired by copper, lead, phosphorous and siltation.

The stream channel on the property has a length of 497 feet, an average base flow width of 8 feet, deeply entrenched, has a substrate of sand and silt, intermittent flow, and a riparian zone of young deciduous forest (ash, elm, and tulip poplar over story).

Color photos of the existing stream can be viewed on the Internet at <http://www.state.tn.us/environment/wpc/ppo/arap>.

**PROJECT DESCRIPTION:** The applicant proposes the relocation 497 linear feet of existing stream, installation of 60 linear feet of a new box culvert and the 10-foot extension of an existing box culvert for the purpose of commercial development.

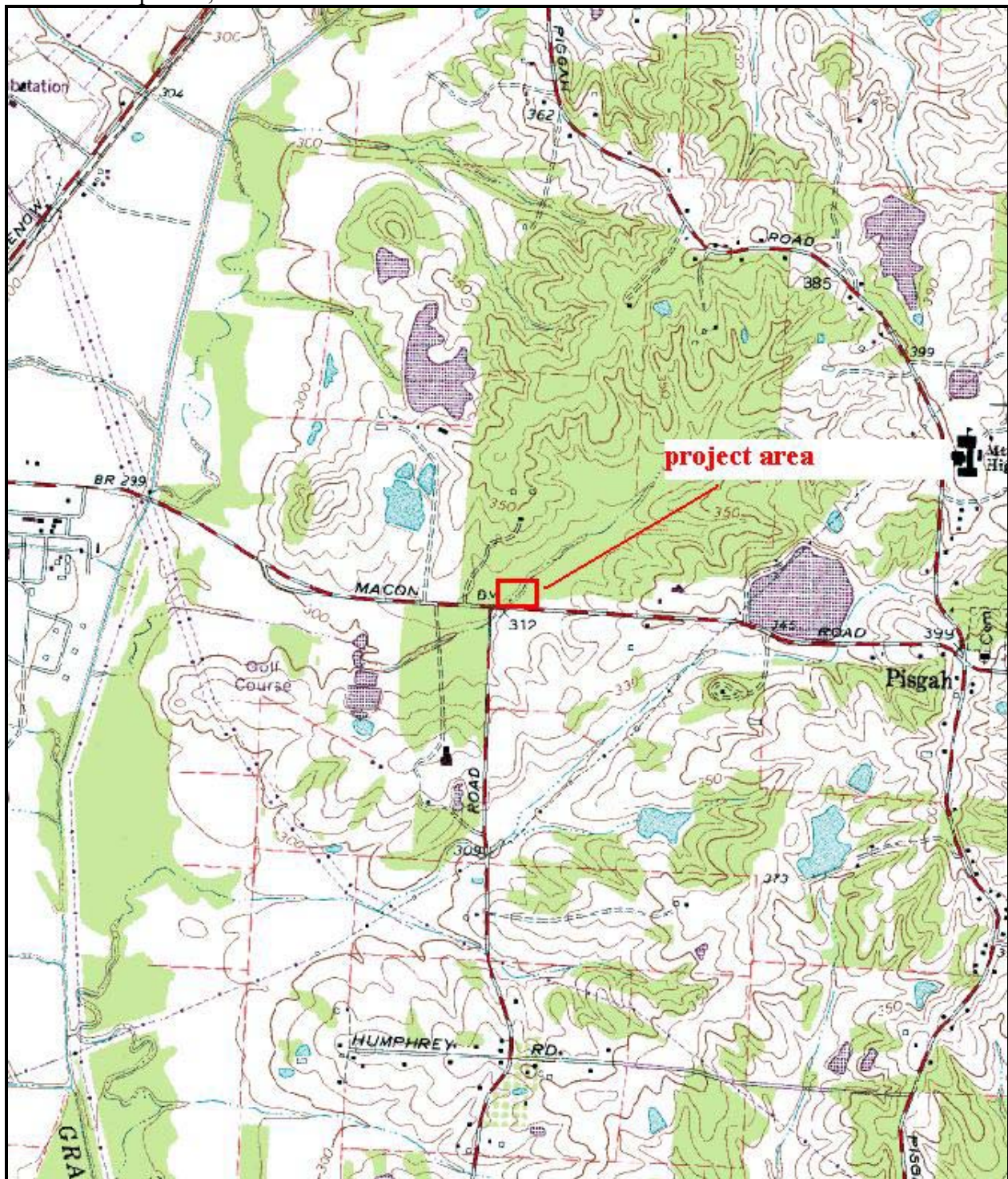
The relocated channel will be a total of 585 linear feet long, 515 linear feet of open channel and 70 linear feet of 8' x 8' box culverts. Native tree seedlings will be randomly planted on 10-foot centers along the edge each bank. Species to be planted will be selected from the following: red maple, river birch, redbud, flowering dogwood, persimmon, tulip poplar, sweetgum, blackgum, swamp chestnut oak, water oak, Nuttall's oak, willow oak, Shumard oak, sassafras. The relocated channel will have erosion control fabric to stabilize the banks and promote vegetation growth, and matting within the bends of the relocated channel. The relocated stream channel and the vegetation will be monitored biannually for five years with reports submitted to the division.

This project was permitted previously (MF0 02-080), but the activity was not conducted prior to permit expiration.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

**PERMIT COORDINATOR:** Juliana W. Kyzar

**USGS TOPOGRAPHIC QUADRANGLE:** Eads, TN 416 NW



**Figure 1:** USGS topographic map with project area indicated.

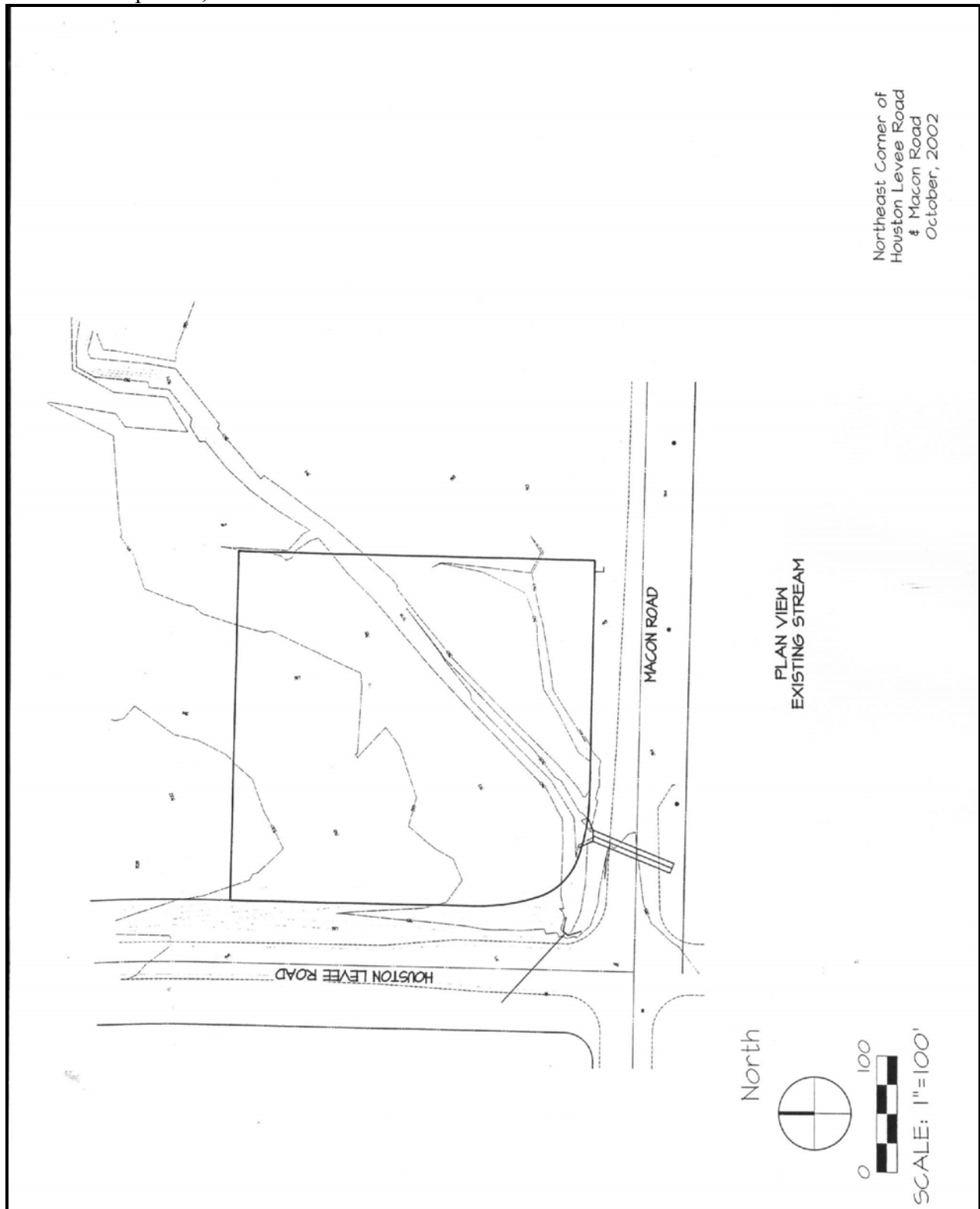


**Photo 1**



**Photo 2**

**Figure 2:** Photos of existing stream channel provided by applicant. Photo 1 is on the south bank facing southwest. Photo 2 is further south, facing same direction.



**Figure 3:** Existing stream and site conditions.

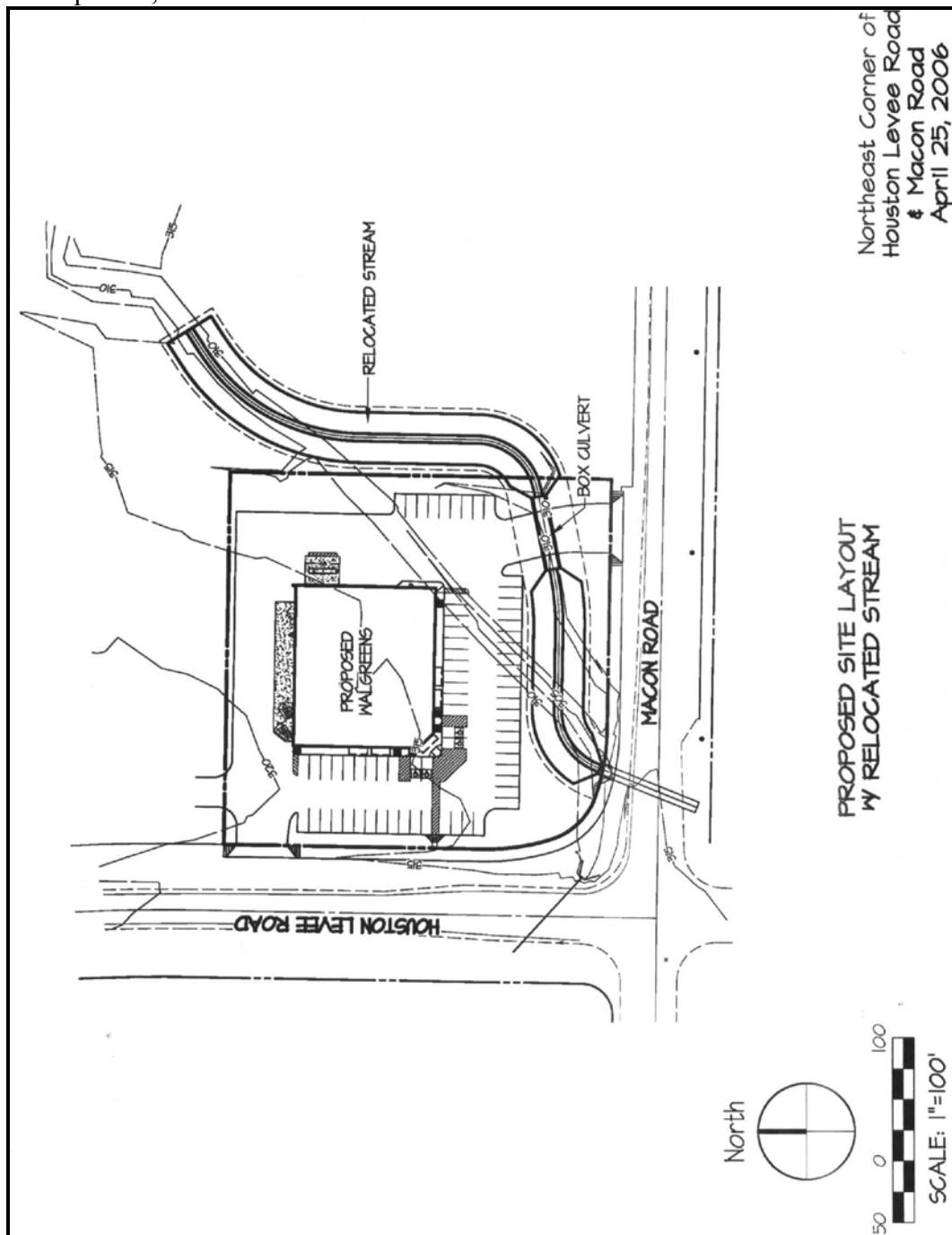
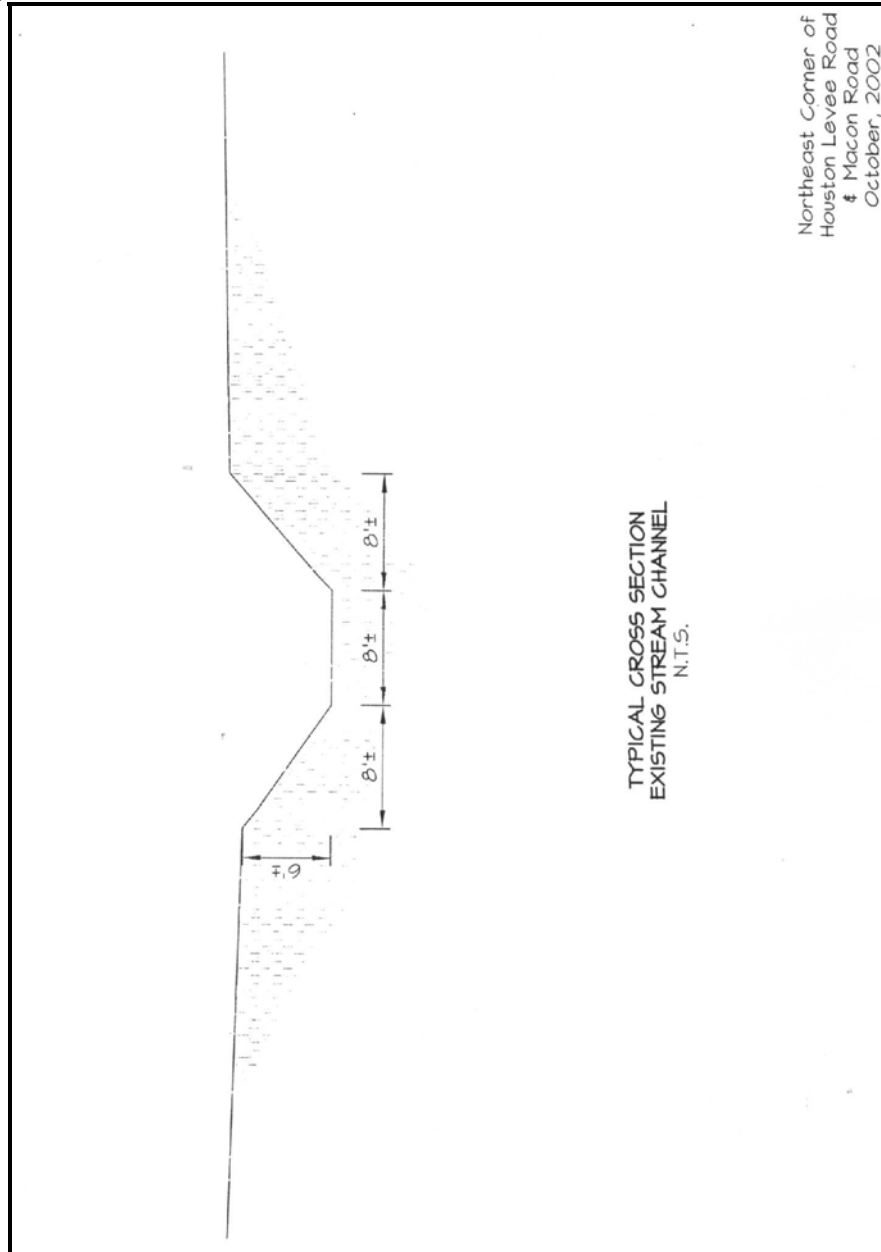
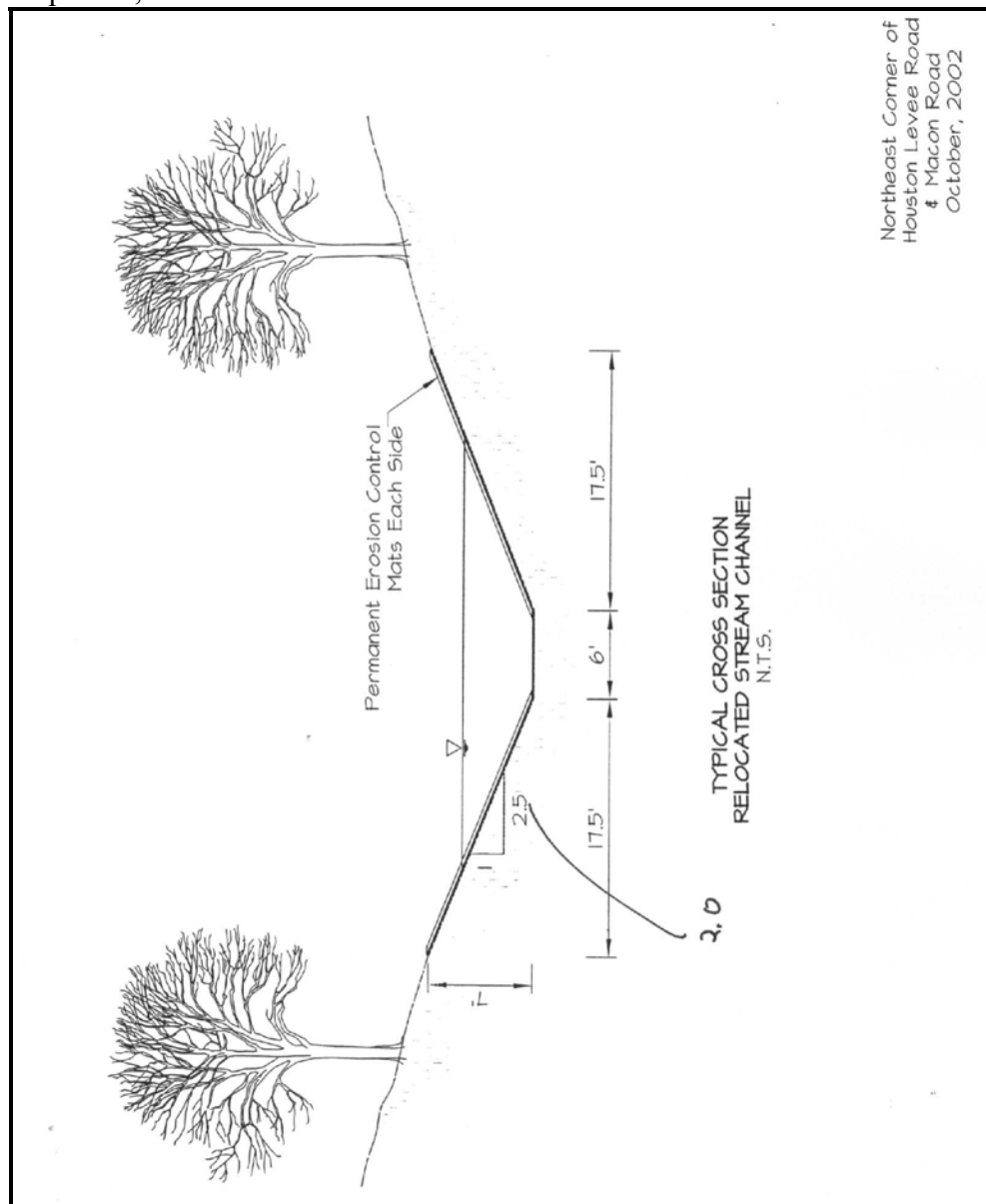


Figure 4: Proposed site plan



**Figure 5:** Existing stream typical cross section



**Figure 6:** Proposed stream cross section, permanent erosion control fabric will be substituted and the matting will only be used within sections of the channel bends.